



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Application of:  
Baron et al.

Serial No: 09/021,660

Filed: February 10, 1998

For: Methods for Modulating  
Hematopoiesis and Vascular Growth

Attorney Docket No. HUIP-P01-060

Art Unit: 1646

Examiner: C. Kaufman

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

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October 23, 2002

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Brent LaBarge

Commissioner of Patents  
Washington, D.C. 20231

**PRELIMINARY AMENDMENT**

Sir:

Please enter the following amendments:

In the claims:

For the convenience of the Examiner, all claims being examined, whether or not amended, are presented below.

Please cancel, without prejudice, claims 74-75.

57. **(Thrice Amended)** A method of stimulating a population of undifferentiated mammalian mesodermally derived cells to undergo hematopoiesis, comprising contacting the cells with an amount of a hedgehog compound effective to stimulate the cells to undergo hematopoiesis, wherein the hedgehog compound comprises a polypeptide sequence at least 80% identical to a sequence selected from SEQ ID NO: 34, SEQ ID NO: 35, SEQ ID NO: 36, SEQ ID NO: 37, SEQ ID NO: 38, SEQ ID NO: 39, SEQ ID NO: 40, or a fragment thereof, which polypeptide